



**BOSCH**

# Kaspersky and Bosch cooperate for increased cybersecurity

**kaspersky**

BRING ON  
THE FUTURE



Kaspersky  
Industrial  
CyberSecurity

# Joint solution for increased cybersecurity

The Bosch division Security and Safety Systems is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security and Safety Systems develops and manufactures in its own plants across the world.

Kaspersky is a global cybersecurity company founded in 1997. Kaspersky's deep threat intelligence and security expertise is constantly transforming into innovative security solutions and services to protect businesses, critical infrastructure, governments and consumers around the globe. The company's comprehensive security portfolio includes leading endpoint protection and a number of specialized security solutions and services to fight sophisticated and evolving digital threats. Over 400 million users are protected by Kaspersky technologies and we help 240,000 corporate clients protect what matters most to them.

## Bosch Security and Safety systems

The Building Integration System (BIS) is a robust and reliable security and life safety system for 24/7 deployment that enables management of different Bosch subsystems such as fire alarm, intrusion, access control, video surveillance, public address. Moreover, BIS provides:

- Integration with third party applications via open standards (OPC, ONVIF, OSDP) and SDK
- High level of scalability to grow with the user's needs
- Encrypted communication and authentication for highest data security and data protection

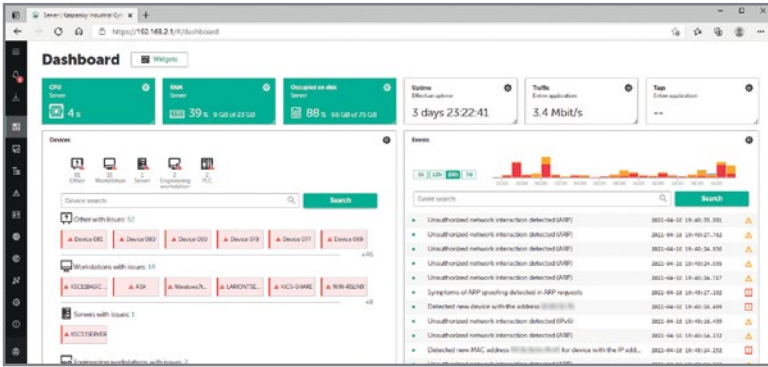
BVMS - the video management system from Bosch – enables seamless management of digital video, audio and data across an IP network. It is a modular security system that aggregates and delivers consolidated data to security operators to help them make informed decisions. Embedded resilience ensures continuous live and playback – no matter what type of interruption or failure occurs. Moreover, BVMS provides:

- Integration with third party applications via ONVIF and SDK
- High level of scalability to grow with the user's needs
- Encryption of traffic data and stored data for highest data security

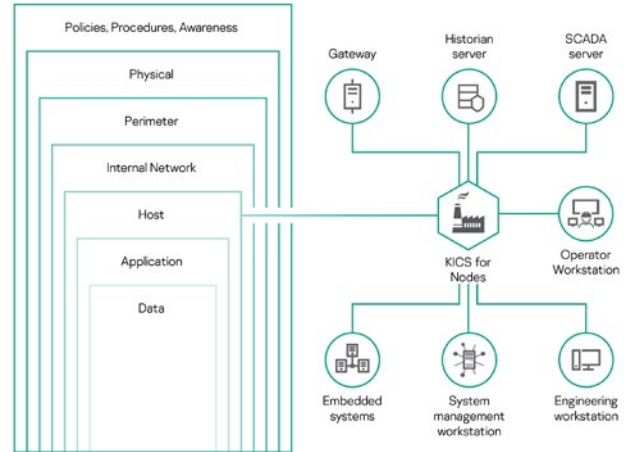
## Kaspersky Industrial CyberSecurity

Kaspersky Industrial CyberSecurity (KICS) products are designed to comprehensively secure the industrial elements of customer's organization: KICS for Nodes is aimed at industrial endpoints, while KICS for Networks monitors industrial network security. KICS for Nodes is designed to protect engineering workstations, operator stations and SCADA servers. This solution enables whitelisting, file integrity monitoring, peripheral devices control, malware detection and blocking.

KICS for Networks is a solution designed for passive inventory of devices and network communications in an industrial network, as well as passive monitoring of attacks and anomalies in industrial network traffic, including inspection of industrial protocols (DPI) to control commands and technological parameters of operations.



**KICS for Networks – network attacks and anomalies detection and visibility**



**OT assets protected by KICS for Nodes**

## Solution integration

### Highest resilience

The integrated security solution is made more resilient, thereby reducing potential downtimes of the system.

### Scalability

The integrated security solution is scalable and can be extended to the customer's needs.

### Integrated user interface

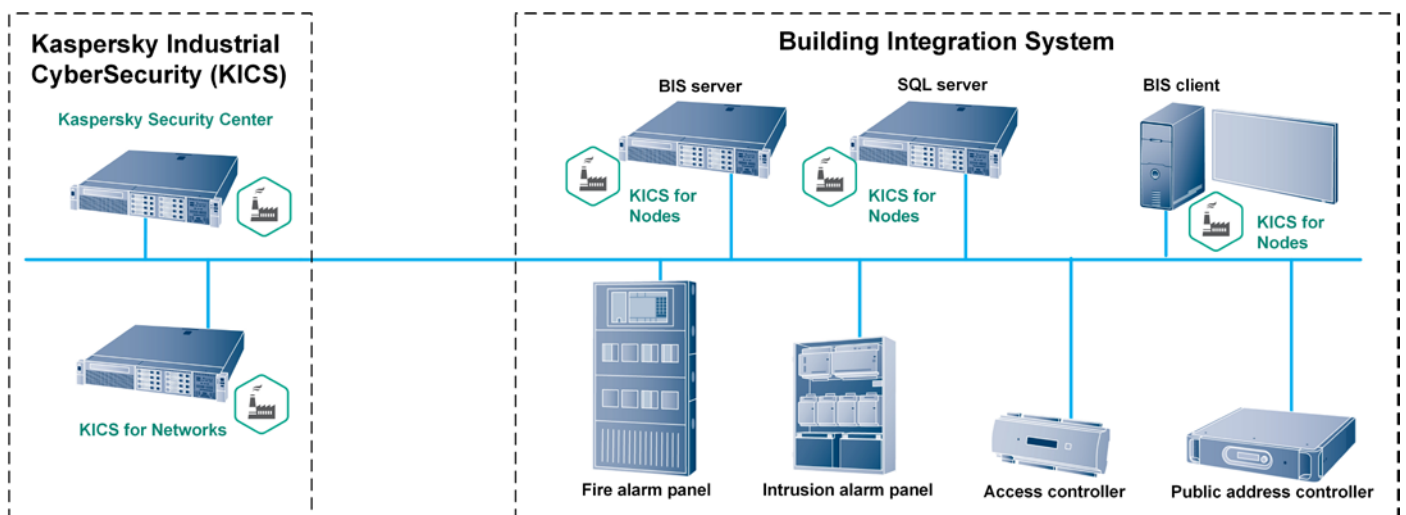
The dashboard of the Kaspersky Security Center can be integrated into user interface of BIS via OPC. This eliminates the need to switch between systems.

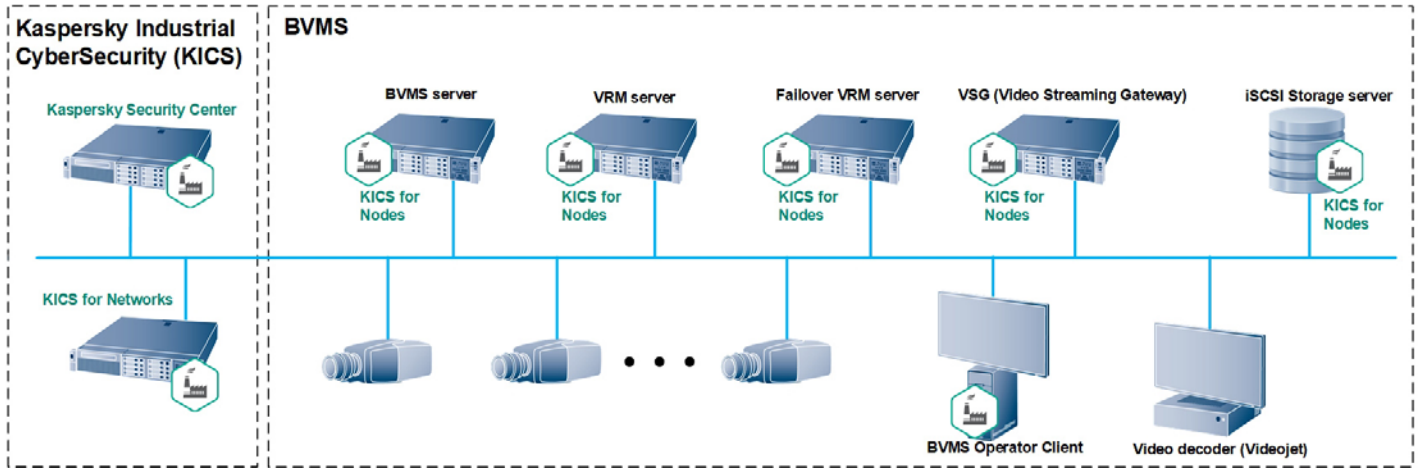
The integration of BIS and BVMS with Kaspersky Industrial CyberSecurity (KICS) products KICS for Networks and KICS for Nodes increases their level of cybersecurity by protecting the network to which they are connected and by adding additional defense measures on system level.

KICS for Networks detects anomalies and intrusions inside customer networks in their early stages and ensures the necessary actions are taken to prevent any negative impact. It can be run in the same network like BIS and BVMS without creating any interferences and protecting them from outside attacks.

KICS for Nodes adds an additional layer of defense to BIS and BVMS by supporting to protect workstations and servers against potential threats such as cyberattacks, malware or exploits.

BIS and BVMS protect customers from cybercrime and loss of personal data with various security by design and security by default measures. Integrating the system with the two KICS products adds yet another line of defense to make the systems even more secure.





## Benefits

Integration of BIS and BVMS with Kaspersky Industrial CyberSecurity (KICS) products provides multiple customer benefits:

- BIS and BVMS can be connected to the same network like KICS without creating interferences
- KICS for Networks detects anomalies inside customer networks in their early stages
- KICS for Nodes adds an additional layer of defense to the workstations and servers of BIS and BVMS
- KICS security dashboard can be integrated into the BIS user interface via OPC

### Vertical Markets



Commercial buildings



Hospitals and health institutions



Industry and manufacturing plant



Airports



Railway and metro



Energy and utility plants



**Kaspersky  
Industrial  
CyberSecurity**

Kaspersky Industrial CyberSecurity is a portfolio of products and services designed to secure operational technology layers and elements of your organization - including SCADA servers, HMIs, engineering workstations, PLCs, network connections and even engineers - without impacting on operational continuity and the consistency of industrial process.

Learn more at [www.kaspersky.com/ics](http://www.kaspersky.com/ics)